Manhole Inspection Summary M			Manhole # S17II_035MH	
Printed On: 8/20	0/2009		Page 1 of 5	
Inspection	☐ Is Incomplete	Rating: 4) Poor		
Record Plat: 17	7II Node: <b>035</b>	Status: Found	Insp Date: 3/18/09 9:01 AM	
Incomplete Cor	mments		Crew: ADS4	
			Inspector: ADS	
			Firm: <b>ADS</b>	
Location	Address: 2400 PRES	BURY ST	Cross Street: MORELAND-WARWICK ALLEY	
Manhole	Type: <b>Junction</b> L	ocation: Alley	Ground Conditions: Dry	
	☐ Prev. Rehab V	Veather: <b>Dry</b>	Subject To Ponding: Sheeting	
Comments			VER - REMOVED USING JACK AND BOLT REPLACED LID WITH NEW 24" SANITARY.	
Cover	Shape: Circular	Diameter: 24	(in.) Length: (in.) Dist A/B Grade: 0 (in.)	
	Type: <b>Sanitary</b>	Condition: Soul	Ind Cover Material: Cast Iron	
Properties:	☐ Bolted ☐ Vente	d	☐ Water Tight Insert	
Frame	Offset: 1 (in.)	Condition: Sound	d ☐ Cracked ✓ Leaks	
Chimney / Frame Adjustment				
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated				
Infiltration:	☐ None ☐ Joint	☐ Cracks ☐ Mortar	ır □ Roots □ Wall	
Corbel	Material: Brick	☐ Parge	ed Type: Concentric/Eccentric	
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated			
Infiltration:	☐ None ✓ Joint	☐ Cracks ☐ Mort	rtar 🗌 Roots 🔲 Wall	
Barrel	Material: Brick	☐ Parge	ged	
Shape:	<b>Circular</b> Dia	meter: <b>42</b> (in.) Leng	gth: (in.)	
Condition:	✓ Sound ☐ Cracke	d Root Intrusion	☐ Loose Brick ☐ Deteriorated	
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Mort	rtar 🗌 Roots 🔲 Wall	
Bench	✓ Exists Material: <b>B</b>	rick	☐ Parged	
Condition:	☐ Sound ☐ Cracke	d Root Intrusion	✓ Deteriorated	
Channel	Material: Brick	☐ Parge	jed	
Channel E	xposure: Fully Open	Junc Dist: 0.5	nearest .5 ft. Azimuth: 270	
Condition:	✓ Sound ☐ Cracke	d Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris	
Steps	Count: 4 Missing: 0	0 ✓ Corroded		
Surcharge	Evidence Of Surch	narge Depth: (	(ft.)  Active Surcharge Present	

## Manhole # S17II\_035MH

Printed On: 8/20/2009 Page 2 of 5

**Location View** 



SHEETING



EVIDENCE OF INFILTRATION DUE TO SHEETING FROM ALLEY DRAINAGE

Defect 4



2" GAP BELOW FRAME

### Top View



**OPENING** 



BROKE LID WHILE OPENING USING JACK AND BOLT METHOD

Defect 3



A BRICK HAS BROKEN OFF FROM BENCH AT CORNER OF 9 OCLOCK JUNCTION

## Manhole # S17II\_035MH

Printed On: 8/20/2009 Page 3 of 5

### Defect 2



EVIDENCE OF INFILTRATION - FRAME LEAKS

Defect 5



FRAME OFFSET 1"

### Defect 1

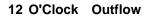


**CORRODED STEPS** 

## Manhole # S17II\_035MH

Printed On: 8/20/2009 Page 4 of 5

# 10 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock





Pipe Height: 9.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 8.84 (ft.) Flow Characteristics: Slow

Deposits:  $\subseteq$  None  $\subseteq$  Mud  $\subseteq$  Sludge  $\subseteq$  Debris  $\subseteq$  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

### 8 in. Circular Gravity Sewer Pipe In @ 5 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 5.58 (ft.) Flow Characteristics: Slow

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

# 5 O'Clock Inflow Drop In @ 5 O'Clock



Drop: Inside Rod and Bar

Angled: **Yes** Reading: **7.71** (ft.)

Inv Depth: **8.71** (ft.)

Drop Condition: Open

Connects To: Manhole

Possible Illicit Connection

## Manhole # S17II\_035MH

9 O'Clock Inflow

Printed On: 8/20/2009 Page 5 of 5

6 in. Circular Gravity Sewer Pipe In @ 9 O'Clock



Pipe Height: 6 (in.) Rod and Bar (Angled)	Drop: None
Pipe Material: Clay	
nvert Depth: 8.56 (ft.) Flow Characteristics: Slow	
Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease	
Silt Depth: (in.) Deposits Extent:	Connects To: House connection / Service line
nfiltration: None Pipe Seal Cond: Sound	☐ Possible Illicit Connection